

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
TELECOMMUNICATIONS ADVISORY GROUP

November 16, 2006
MAG Office
302 North First Avenue
Phoenix, Arizona

MEMBERS ATTENDING

Greg Binder, Phoenix, Chair
*Kevin Hinderleider, Avondale
Dee Hathaway, Buckeye
**Jim Keen, Carefree
*Patrick Hait, Chandler
*Pat Timlin, El Mirage
**Mike Ciccarone, Fountain Hills
*Shawn Woolley, Gilbert
Ajay Joshi, Glendale
Keith Elder, Goodyear

Scott Osterbauer, Maricopa County
**Dale Shaw, Mesa
**Duncan Miller, Paradise Valley
**John Imig, Peoria
*Lester Godsey, Queen Creek
*Kevin Sonoda, Scottsdale
**Randy Jackson, Surprise
*Dave Heck, Tempe
Chuck Brown, Tolleson
Arkady Bernshteyn, Valley Metro Light Rail

*Members neither present nor represented by proxy.

OTHERS PRESENT

Curt Knight, AZ Dept. Of Public Safety
Shelley Wanner, Cisco
Nichole Stohler, Cisco
Dean Zanone, Cisco
Kiran Guntupalli, MAG
Heidi Pahl, MAG
Michael Sumnicht, Motorola

Kim Charrier, Phoenix Police
Adrian Ruiz, Phoenix Police Dept. Transit
Bob Ciotti, Phoenix Transit
Mike Nevez, Phoenix Transit
Tri Trinh, Phoenix Transit
Richard Teo, Tolleson

**Participated via telephone conference call.

✓ Participated via video conference call.

1. Call to Order

The meeting was called to order at 10:01 a.m. by Chairman Greg Binder. Voting members Jim Keen, Mike Ciccarone, Dale Shaw, Duncan Miller, John Imig, and Randy Jackson attended via telephone conference call. All members introduced themselves.

2. Call to the Audience

No comments were made by the audience.

3. Approval of the September 21, 2006 Meeting Minutes

It was moved by Dee Hathaway seconded by Ajay Joshi and unanimously recommended to approve the September 21, 2006 meeting minutes.

4. Interoperability in Wireless Communications for Public Safety

Greg Binder thanked the guest speakers for attending the meeting. Mr. Binder read the biography for Michael Sumnicht of Motorola. Michael Sumnicht gave a presentation on mission critical seamless mobility. Mr. Sumnicht said that interoperability should be seamless and the goal is to have one radio that talks to everyone. He said spectrum, standards, planning, networks, practice, and control are all pieces of the interoperability puzzle.

Greg Binder read the biography for Dean Zanone of Cisco. Dean Zanone gave a presentation on voice to voice communication for public safety. He said the challenge is to provide value and security to the communities we serve while facing increasing threats and responsibilities. He said that Cisco can offer integrated, secure dynamic networks. Mr. Zanone conducted a live demo of IPICS - a Cisco solution that takes any end point with a speaker and microphone and bridges with other disparate endpoints to enable direct communication.

Adrian Ruiz of the Phoenix Police Department asked how secure and encrypted communication from police could be sent to staff of bus and rail. Dean Zanone replied that police could talk to a bus driver by converting the encrypted message to an analog connection but that channel would not be direct from end to end. He said that bus and rail could talk to each other but police and fire could not talk directly to them due to their requirements for encrypted communication.

Arkady Bernshteyn asked for the specification of the IP Cisco telephone. Dean Zanone supplied the specifications of their devices and explained how the different models work. Arkday Bernshteyn asked how Ciscos's new IP server works. Dean Zanone said the IPICs server runs Linux, not Windows, models 7825 and 7845 available with VMware. Arkday Bernshteyn asked if special hardware needed to be purchased. Dean Zanone explained that if they already have the media convergence server (MCS), they can purchase the software port licenses for each component.

Kim Charrier said that from a police perspective there is a need to implement different levels of security for communication because police and fire require encrypted channels. Ms. Charrier said that police and fire do not want others to hear their conversations about tactical issues that occur in an emergency. Dean Zanone said that Cisco's device would not work for police and fire because it allows users to be muted so they can hear the conversation but not speak. Dean Zanone said that IP technology can be useful in an emergency operations center for non-critical incidents. Greg Binder

summarized by stating that interoperability in wireless communications is currently very complicated and it needs to be seamless and uncomplicated to be effective.

Mike Nevez said that in planning the Metro Light Rail, they are considering mass evacuation scenarios involving social service, transportation, and emergency personnel. He said they want transit to be considered part of public safety and have the technology (700 MHz system) to be part of the system and the solution.

Greg Binder read the biography for Curt Knight of the Arizona Department of Public Safety (DPS). Curt Knight gave a presentation on the Arizona Public Safety Communications Commission (PSCC) viewpoints on interoperability in wireless communications for public safety. Mr. Knight discussed partnerships, procedures and policies, not technology as it is only part of the equation and had previously been addressed. Curt Knight explained how the Public Safety Communications Commission was formed, their members, mission, the needs analysis they are working on now, and funding for the project. He discussed critical changes, key elements, governance and ownership.

Greg Binder summarized comments and thanked guest speakers for sharing their valuable information on this topic.

5. MAGTAG Working Group Projects

This agenda item was postponed to the next meeting.

6. Announcements and Public Input

No announcements were made.

7. Date of Future Meetings

The next meeting of the MAGTAG is scheduled for 10:00 a.m. on Thursday January 18, 2007 in the MAG Palo Verde room. The meeting was adjourned at 11:50 a.m.